



APOA 2024 Dubai Scientific Program

Orthopaedic Research

Day 2
1 March 2024

APORS-ICORS-AO Foundation session in APOA Dubai

	Topic	Speaker	Time
Session 1	An Antibiotic-Loaded Hydrogel for Infection Prevention and/or Treatment	Fintan Moriarty, PhD	09.00-09.20
	Understanding microbial biofilms: from fundamentals to treatment strategy	Yoshi Pratama, MD	09.22-09.34
	Spinal tuberculosis : current concept review	Phedy, MD	09.36-09.48
	Culture-negative in PJI: what to expect and strategy to improve	Asep Santoso, MD	09.50-10.02
	TKA in knee tuberculosis: things to consider	Kukuh Dwi Putra, MD	10.04-10.16
	Discussion	Speaker 1-5	10.20-11.00
Break			11.00-12.00
	moderator	Suresh Sivananthan	
	Treatment strategies of shoulder infection following rotator cuff repair	Erica Kholinne, MD, PhD	12. 00-12.12
	Tuberculosis of elbow: rare entity with treatment dilemma	Renaldi prasetia, MD, PhD	12.14-12.26
	Translating basic science knowledge of musculoskeletal infection eradication into clinical practice	Yoshi Pratama, MD	12.28-12.40
	Discussion	Speaker 6-8	12.40-13.00
Break Lunch			13.00-14.00
Session 2	moderator	Suresh Sivananthan	
	Wearables: Digital Mobility Biomarkers in clinic & research	Bernd Grimm, PhD	14.00-14.20
	AO Fracture Monitor: Digitalization of the bone healing episode of care	Dr Geoff Richards	14:21-14.41
	Machine Vision AI in Musculoskeletal Examination	Nats Oriliza, MD	14.42-14.55
	Digitally Enhanced Hands on Surgical Training	Boyko Gueorguiev	14.56-15.10
	Degeneration of intervertebral disc: Biomaterial-based tissue engineering towards precision medicine	Ismaliza, PhD	15.11-15.25
	Democratizing clinical movement analysis using AI-driven Computer Vision	Bernd Grimm, PhD (or Fr	15.41-15.55
Discussion			15.56-16.25